

REMARKS

Claims 1-14 are currently pending and under consideration. Reconsideration is respectfully requested.

Using independent claim 1 as an example, this claim recites a contact time between the second contact protrusion and the second contact terminal is shorter than the contact time between the first contact protrusion and the first contact terminal and not shorter than the contact time between the third contact protrusion and the third contact terminal. It is respectfully submitted that the cited references do not teach these features.

These features were previously presented to the Examiner. In response, the Examiner currently relies upon the end of column 3, beginning of column 4 of Kim. This portion states that primary/pilot terminals can refer to power and control circuits, and also for positive and negative power terminals in the same connector or sets of different voltage terminals. Thus, three different pairings are taught, namely, power/control, positive/negative and low/high voltage. All of these pairings involve only two terminals. There is no teaching to combine any of these pairings, for example, to combine positive/negative with power/control. Thus, there is no teaching as to which terminal would have the longest contact time, the shortest contact time, and particularly, the intermediate contact time. In contrast, claim 1 recites first through third terminals, and recites the relative contact times of all three terminals.

Furthermore, the contact terminals of the admitted prior art are identical in size. Accordingly, the contact protrusion for battery removal detection is disconnected from the contact terminal prior to the disconnection of the contact protrusions for detecting positive and negative voltages. Thus, the mobile phone is not able to recognize the removal of the battery, so the mobile phone cannot switch power to the in-built backup battery in time.

Still further, the first and second contact terminals are longer than the third contact terminal in the first direction and a second direction, as claimed in claim 1. These features are not taught by the cited references.

Withdrawal of the rejection is respectfully requested.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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